



AMENDMENT

AMENDMENT TO THE CLAIMS

3 I claim:

4 Claims 1-5 (cancelled)

5

6 Claim 6 (New) A single use breakaway support assembly for securing overhead lines

7 to a supporting structure comprising:

8

9 a support connector affixed to said supporting structure for securing the
10 assembly to said supporting structure, said support connector having a solid
11 portion and a hollowed portion;

12

13 a stabilizing assembly, said stabilizing assembly having an overhead
14 line connection point; and

15

16 a stranded connection member mounted at one end in said hollowed
17 section of said support connector and at the other end in said stabilizing
18 assembly;

19

20 whereby said connection member will yield when force is applied to
21 said overhead line connection point.

22

1 Claim 7 (New) The support assembly of claim 6 wherein the hollowed portion of said
2 support connector is disposed to internally receive a connection member
3 having a diameter less than that of said support connector.
4

5 Claim 8 (New) The support assembly of claim 6 wherein said overhead line connection
6 point is an independent component secured to said stabilizing assembly.
7

8 Claim 9 (New) The support assembly of claim 6 wherein the connection member has a
9 lower tensile strength than the other components of the breakaway support
10 assembly.
11

12 Claim 10 (New) The support assembly of claim 9 wherein the stabilizing assembly
13 comprises:
14 a generally oval shaped metal component; and
15 a nipple protruding from said metal component,
16
17 whereby said nipple prevents abrasion of the connection
18 member by the supporting structure.
19

20 Claim 11 (New) The support assembly of claim 9 further having a means for limiting
21 the lateral movement of the overhead lines.
22

23 Claim 12 (New) The support assembly of claim 9 wherein said connection member will
24 only yield to force in excess of the tensile strength of said connection member.

1
2 Claim 13 (New) A breakaway support assembly for securing overhead lines to a
3 supporting structure comprising:

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5 a support connector attached to said supporting structure for securing
6 the assembly to the supporting structure;

7
8 an overhead line connection point; and

9
10 a stranded link member secured to said support connector at one end
11 and secured to the overhead line connection point at the other end;

12
13 whereby said link member will yield when force in excess of the tensile
14 strength of said link member is applied to said overhead line connection point.

15
16 Claim 14 (New) The support assembly of claim 13 further having a means for
17 controlling the level of force at which the link member will yield.

18
19 Claim 15 (New) The support assembly of claim 13 further comprising a stabilizing
20 assembly which includes an overhead line connection point, one end of said
21 stabilizing assembly is disposed to receive and secure one end of said link
22 member, the other end of said stabilizing assembly includes said overhead line
23 connection point.
24

1 Claim 16 (New) The support assembly of claim 15 wherein said overhead line
2 connection point is a separate member secured to said stabilizing assembly.

3
4 Claim 17 (New) The support assembly of claim 15 wherein the link member has a lower
5 tensile strength than the other components of the breakaway support assembly.

6
7 Claim 18 (New) The support assembly of claim 17 wherein the link member is
8 composed of corrosion resistant metal.

9
10 Claim 19 (New) The support assembly of claim 15 wherein the stabilizing assembly
11 comprises:
12 a generally oval shaped metal component; and
13 a nipple protruding from said metal component,
14 whereby said nipple prevents abrasion of the link member by the
15 supporting structure.

16
17 Claim 20 (New) The support assembly of claim 19 further having a means for limiting
18 the lateral movement of the stabilizing assembly.

19
20 Claim 21 (New) The support assembly of claim 19 wherein said stabilizing assembly
21 includes a plurality of symmetrical cavities for decreasing the weight of said
22 stabilizing assembly.

23

1 Claim 22 (New) A single use breakaway support assembly for securing overhead lines

2 to a supporting structure comprising:

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4 a support connector for securing the assembly to the supporting
5 structure wherein said support connector is threaded at the end in contact with
6 said supporting structure and a portion is hollowed out at the other end;

7
8 a stabilizing assembly which includes an overhead line connection
9 point; and

10
11 a link mounted at one end in said hollowed section of said support
12 connector and at the other end in said stabilizing assembly;

13
14 whereby said link will yield when force is applied to said overhead line
15 connection point.

16
17 Claim 23 (New) The support assembly of claim 22 wherein the link is a stranded metal

18 section with a lower tensile strength than the other components of the
19 assembly.

20
21 Claim 24 (New) A single use breakaway support assembly for securing overhead lines

22 to a supporting structure comprising:

1 a breakaway element that has a lower tensile strength than the other
2 components of the breakaway support assembly;

3
4 a means for attaching said breakaway element to the overhead line; and

5
6 a means for securing said breakaway element to the supporting
7 structure.

8
9 whereby said breakaway element will yield upon the application of a
10 load less than that required to damage the supporting structure thus preventing
11 damage to the supporting structure when unintended force is applied to said
12 breakaway support assembly.

13
14 Claim 25 (New) The support assembly of claim 24 further having a means for
15 controlling the level of force at which the breakaway element will yield.